## 10/568264 IAP9 Rec'd PCT/PTO 13 FEB 2006

**Express Mail No.: EV 654 850 041 US** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Liew et al.

Confirmation No.

To be assigned

To be assigned

Application No.:

To be assigned; National Stage

Application of International Application PCT/US05/022071

filed June 20, 2005

Filed:

On even date herewith

Examiner

Art Unit:

To be assigned

For:

**COMPUTER SYSTEMS AND** 

Attorney Docket No.

11543-006

METHODS FOR CONSTRUCTING

**BIOLOGICAL CLASSIFIERS** 

AND USES THEREOF

## COMPACT DISC TRANSMITTAL SHEET FOR SUBMISSION OF TABLES TO UNITED STATES PATENT AND TRADE MARK OFFICE UNDER 37 C.F.R. § 1.52(e)

Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## SIR:

In connection with the above-identified application, and pursuant to 37 C.F.R. § 1.52(e), Applicants submit herewith two copies of tables related to sequence listing on CD-ROM labeled "Copy 1" and "Copy 2".

Pursuant to 37 C.F.R. § 1.52(e)(3)(ii), Copy 1 and Copy 2 of the tables related to sequence listing are described as follows:

Copy 1:

Machine Format: IBM-PC

Operating System: MS-Windows XP

File Format: ASCII

Creation Date: Tables were created on June 17, 2005 and CD-ROMs are

recorded on February 3, 2006

Copy 2: Machine Format: IBM-PC

Operating System: MS-Windows XP

File Format: ASCII

Creation Date: Tables were created on June 17, 2005 and CD-ROMs are

recorded on February 3, 2006

Below is a list indicating the name, file size and date of recordation of each table.

I hereby certify that the two copies of the tables on CD-ROM in computer-readable format, submitted in accordance with 37 C.F.R. § 1.52(e), are identical.

<u>Table</u>	<b>DESCRIPTION</b>	SIZE	<u>Date</u> Recorded	Text File Name
1 <b>A</b>	Sequence Related Table regarding Comorbid Hypertension	96KB	February 3, 2006	TABLE1A.TXT
1B	Sequence Related Table regarding Comorbid Obesity	102KB	February 3, 2006	TABLE1B.TXT
1C	Sequence Related Table regarding Comorbid Allergies	49KB	February 3, 2006	TABLE1C.TXT
1D	Sequence Related Table regarding Comorbid Systemic Steroids	59KB	February 3, 2006	TABLE1D.TXT
1E	Sequence Related Table regarding Hypertension (Chondro)	204KB	February 3, 2006	TABLE1E.TXT
1F	Sequence Related Table regarding Obesity (Chondro)	251KB	February 3, 2006	TABLE1F.TXT
1G	Sequence Related Table regarding CoMorbid Hypertension Only	57KB	February 3, 2006	TABLE1G.TXT
1H	Sequence Related Table regarding Hypertension OA Shared	23KB	February 3, 2006	TABLE1H.TXT
11	Sequence Related Table regarding Comorbid Obesity Only	60KB	February 3, 2006	TABLE1I.TXT
1J	Sequence Related Table regarding Obesity OA Shared	18KB	February 3, 2006	TABLE1J.TXT
١K	Sequence Related Table regarding Comorbid Allergy Only	28KB	February 3, 2006	TABLE1K.TXT
۱L	Sequence Related Table regarding Allergy OA Shared	19KB	February 3, 2006	TABLE1L.TXT
1M	Sequence Related Table regarding Comorbid Steroid Shared	40KB	February 3, 2006	TABLE1M.TXT

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<b>Table</b>	<b>DESCRIPTION</b>	SIZE	<u>Date</u> Recorded	Text File Name
1N .	Sequence Related Table regarding Steroid OA Shared	23KB	February 3, 2006	TABLE1N.TXT
10	Sequence Related Table regarding Differentiating Systemic Steroids	49KB	February 3, 2006	TABLE10.TXT
1P	Sequence Related Table regarding Diabetes	118KB	February 3, 2006	TABLE1P.TXT
1 <b>Q</b>	Sequence Related Table regarding Hyperlipidemia	165KB	February 3, 2006	TABLE1Q.TXT
1R	Sequence Related Table regarding Lung Disease	102KB	February 3, 2006	TABLE1R.TXT
1S	Sequence Related Table regarding Bladder Cancer	830KB	February 3, 2006	TABLE1S.TXT
1T	Sequence Related Table regarding Bladder Cancer Staging	483KB	February 3, 2006	TABLE1T.TXT
1U	Sequence Related Table regarding Coronary Artery Disease	657KB	February 3, 2006	TABLE1U.TXT
1 <b>V</b>	Sequence Related Table regarding Rheumatoid Arthritis	380KB	February 3, 2006	TABLE1V.TXT
1 W	Sequence Related Table regarding Rheumatoid Arthritis	183KB	February 3, 2006	TABLE1W.TXT
1X	Sequence Related Table regarding Depression	165KB	February 3, 2006	TABLE1X.TXT
1 <b>Y</b>	Sequence Related Table regarding OAStaging	32KB	February 3, 2006	TABLE1Y.TXT
1 <b>Z</b>	Sequence Related Table regarding Liver Cancer	19KB	February 3, 2006	TABLE1Z.TXT
1Zb	Sequence Related Table regarding Liver Cancer	430KB	February 3, 2006	TABLE1Z(b).TXT
1AA	Sequence Related Table regarding Schizophrenia	592KB	February 3, 2006	TABLE1AA.TXT
1AB	Sequence Related Table regarding Chagas Disease	142KB	February 3, 2006	TABLE1AB.TXT
1AC	Sequence Related Table regarding Asthma (Chondro)	64KB	February 3, 2006	TABLE1AC.TXT
1AD	Sequence Related Table regarding Asthma (Affy)	57KB	February 3, 2006	TABLE1AD.TXT
1AE	Sequence Related Table regarding Lung Cancer	118KB	February 3, 2006	TABLE 1AE.TXT
1AG	Sequence Related Table regarding Hypertension (Affymetrix)	157KB	February 3, 2006	TABLE1AG.TXT

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<u>Table</u>	<b>DESCRIPTION</b>	SIZE	<u>Date</u>	Text File Name
1AH	Sequence Related Table regarding Obesity (Affymetrix)	203KB	Recorded February 3, 2006	TABLE1AH.TXT
1AI	Sequence Related Table regarding Ankylosing Spondylitis (Affy)	267KB	February 3, 2006	TABLE1AI.TXT
2	Sequence Related Table regarding OA Only Subtraction	19KB	February 3, 2006	TABLE2.TXT
3A	Sequence Related Table regarding Schizophrenia v. MDS	228KB	February 3, 2006	TABLE3A.TXT
3B	Sequence Related Table regarding Hepatitis v. Liver Cancer	347KB	February 3, 2006	TABLE3B.TXT
3C	Sequence Related Table regarding Bladder Cancer v. Kidney Cancer	470KB	February 3, 2006	TABLE3C.TXT
3D	Sequence Related Table regarding Bladder Cancer v. Testicular Cancer	556KB	February 3, 2006	TABLE3D.TXT
3E	Sequence Related Table regarding Testicular Cancer v. Kidney Cancer	588KB	February 3, 2006	TABLE3E.TXT
3F	Sequence Related Table regarding Liver Cancer v. Stomach Cancer	84KB	February 3, 2006	TABLE3F.TXT
3G	Sequence Related Table regarding Liver Cancer v. Colon Cancer	149KB	February 3, 2006	TABLE3G.TXT
3H	Sequence Related Table regarding Stomach Cancer v. Colon Cancer	166KB	February 3, 2006	TABLE3H.TXT
31	Sequence Related Table regarding OA v. RA	214KB	February 3, 2006	TABLE3I.TXT
3K	Sequence Related Table regarding Chagas Disease v.Heart Failure	16KB	February 3, 2006	TABLE3K.TXT
3L	Sequence Related Table regarding Chagas Disease v. CAD	19KB	February 3, 2006	TABLE3L.TXT
3N	Sequence Related Table regarding CAD v. Heart Failure	13KB	February 3, 2006	TABLE3N.TXT
3P	Sequence Related Table regarding Asymptomatic Chagas v. Symptomatic Chagas	68KB	February 3, 2006	TABLE3P.TXT

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Table	<b>DESCRIPTION</b>	SIZE	<u>Date</u>	Text File Name
3Q	Sequence Related Table regarding Alzheimers' v. Schizophrenia	56KB	Recorded February 3, 2006	TABLE3Q.TXT
3R	Sequence Related Table regarding Alzheimers' v. Manic Depression	51KB	February 3, 2006	TABLE3R.TXT
4A	Sequence Related Table regarding OA v. Control (ChondroChip)	538KB	February 3, 2006	TABLE4A.TXT
4B	Sequence Related Table regarding OA v. Control (Affy)	550KB	February 3, 2006	TABLE4B.TXT
4C	Sequence Related Table regarding OA mild v. Control (ChondroChip)	321KB	February 3, 2006	TABLE4C.TXT
4D	Sequence Related Table regarding OA mild v. Control (Affy)	587KB	February 3, 2006	TABLE 4D.TXT
4E	Sequence Related Table regarding OA moderate v. Control (ChondroChip)	198KB	February 3, 2006	TABLE4E.TXT
4F	Sequence Related Table regarding OA moderate v. Control (Affy)	576KB	February 3, 2006	TABLE4F.TXT
4G	Sequence Related Table regarding OA marked v. Control (ChondroChip)	203KB	February 3, 2006	TABLE4G.TXT
4H	Sequence Related Table regarding OA marked v. Control (Affy)	679KB	February 3, 2006	TABLE4H.TXT
<b>4</b> I	Sequence Related Table regarding OA severe v. Control (ChondroChip)	291KB	February 3, 2006	TABLE4I.TXT
4J	Sequence Related Table regarding OA severe v. Control (Affy)	607KB	February 3, 2006	TABLE4J.TXT
4K	Sequence Related Table regarding OA mild v. moderate (ChondroChip)	113KB	February 3, 2006	TABLE4K.TXT
4L	Sequence Related Table regarding OA mild v. moderate (Affy)	488KB	February 3, 2006	TABLE4L.TXT
4M	Sequence Related Table regarding OA mild v. marked (ChondroChip)	93KB	February 3, 2006	TABLE4M.TXT
4N	Sequence Related Table regarding OA mild v. marked (Affy)	373KB	February 3, 2006	TABLE4N.TXT

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<u>Table</u>	<b>DESCRIPTION</b>	SIZE	<u>Date</u> Recorded	Text File Name
40	Sequence Related Table regarding OA mild v. severe (ChondroChip)	177KB	February 3, 2006	TABLE4O.TXT
4P	Sequence Related Table regarding OA mild v. severe (Affy)	687KB	February 3, 2006	TABLE4P.TXT
4Q	Sequence Related Table regarding OA moderate v. marked (ChondroChip)	103KB	February 3, 2006	TABLE4Q.TXT
4R	Sequence Related Table regarding OA moderate v. marked (Affy)	450KB	February 3, 2006	TABLE4R.TXT
48	Sequence Related Table regarding OA moderate v. severe (ChondroChip)	79KB	February 3, 2006	TABLE4S.TXT
4T	Sequence Related Table regarding OA moderate v. severe (Affy)	627KB	February 3, 2006	TABLE4T.TXT
4U	Sequence Related Table regarding OA marked v. severe (ChondroChip)	66KB	February 3, 2006	TABLE4U.TXT
4V	Sequence Related Table regarding OA marked v. severe (Affy)	758KB	February 3, 2006	TABLE4V.TXT
5A	Sequence Related Table regarding Psoriasis v. Control	80KB	February 3, 2006	TABLE5A.TXT
5B	Sequence Related Table regarding Thyroid Disorder v. Control	373KB	February 3, 2006	TABLE5B.TXT
5C	Sequence Related Table regarding Irritable Bowel Syndrome v. Control	87KB	February 3, 2006	TABLE5C.TXT
5D	Sequence Related Table regarding Osteoporosis v. Control	79KB	February 3, 2006	TABLE5D.TXT
5E	Sequence Related Table regarding Migraine Headaches v. Control	231KB	February 3, 2006	TABLE5E.TXT
5F	Sequence Related Table regarding Eczema v. Control	56KB	February 3, 2006	TABLE5F.TXT
5G	Sequence Related Table regarding NASH v. Control	349KB	February 3, 2006	TABLE5G.TXT
5H	Sequence Related Table regarding Alzheimers' v. Control	268KB	February 3, 2006	TABLE5H.TXT
51	Sequence Related Table regarding Manic Depression v. Control	298KB	February 3, 2006	TABLE5I.TXT

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<u>Table</u>	<b>DESCRIPTION</b>	SIZE	<u>Date</u> Recorded	Text File Name
5J	Sequence Related Table regarding Crohns' Colitis v. Control	45KB	February 3, 2006	TABLE5J.TXT
5K	Sequence Related Table regarding Chronic Cholecystis v. Control	53KB	February 3, 2006	TABLE5K.TXT
5L	Sequence Related Table regarding Heart Failure v. Control	160KB	February 3, 2006	TABLE5L.TXT
5M	Sequence Related Table regarding Cervical Cancer v. Control	304KB	February 3, 2006	TABLE5M.TXT
5N	Sequence Related Table regarding Stomach Cancer v. Control	185KB	February 3, 2006	TABLE5N.TXT
50	Sequence Related Table regarding Kidney Cancer v. Control	404KB	February 3, 2006	TABLE5O.TXT
5P	Sequence Related Table regarding Testicular Cancer v. Control	486KB	February 3, 2006	TABLE5P.TXT
5Q	Sequence Related Table regarding Colon Cancer v. Control	380KB	February 3, 2006	TABLE5Q.TXT
5R	Sequence Related Table regarding Hepatitis B v. Control	140KB	February 3, 2006	TABLE5R.TXT
5S	Sequence Related Table regarding Pancreatic Cancer v. Control	177KB	February 3, 2006	TABLE5S.TXT
5T	Sequence Related Table regarding Asymptomatic Chagas v. Control	63KB	February 3, 2006	TABLE5T.TXT
5U	Sequence Related Table regarding Symptomatic Chagas v. Control	77KB	February 3, 2006	TABLE5U.TXT
5V	Sequence Related Table regarding Bladder Cancer v. Control	383KB	February 3, 2006	TABLE5V.TXT
6A	Sequence Related Table regarding Cancer (all types) v. Control	163KB	February 3, 2006	TABLE6A.TXT
6B	Sequence Related Table regarding Cardiovascular Disease v. Control	73KB	February 3, 2006	TABLE6B.TXT
6C	Sequence Related Table regarding Neurological Diseases v. Control	337KB	February 3, 2006	TABLE6C.TXT

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<u>Table</u>	<b>DESCRIPTION</b>	<b>SIZE</b>	<u>Date</u> Recorded	Text File Name
7A	Sequence Related Table regarding Celebrex® v. all Cox inhibitors except Celebrex	55KB	February 3, 2006	TABLE7A.TXT
7B	Sequence Related Table regarding Celebrex® v. Control	57KB	February 3, 2006	TABLE7B.TXT
7C	Sequence Related Table regarding Vioxx® v. Control	53KB	February 3, 2006	TABLE7C.TXT
7D	Sequence Related Table regarding Vioxx® v. All Cox Inhibitors except Vioxx®	49KB	February 3, 2006	TABLE7D.TXT
7E	Sequence Related Table regarding NSAIDS v. Control	72KB	February 3, 2006	TABLE7E.TXT
7F	Sequence Related Table regarding Cortisone v. Control	208KB	February 3, 2006	TABLE7F.TXT
7G	Sequence Related Table regarding Visco Supplement v. Control	316KB	February 3, 2006	TABLE7G.TXT
7H	Sequence Related Table regarding Lipitor® v. Control	131KB	February 3, 2006	TABLE7H.TXT
<b>7</b> I	Sequence Related Table regarding Smoker v. Non-Smoker	23KB	February 3, 2006	TABLE7I.TXT

Applicants respectfully request that this transmittal and the two CD-ROMs be entered as part of the application and considered.

No additional fee is believed to be due in connection with the submission of this transmittal and the two CD-ROMs. However, if the examiner determined otherwise, please charge such fees to Jones Day Deposit Account No. 50-3013

Respectfully submitted,

Date:	February 13, 2006	Jaura a. C	onezzi	
		Laura A.Coruzzi	2 8	(Reg. No. 30,742)

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Enclosure

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